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Exhibit P-40, Budget Line Item Justification: PB 2016 Navy **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification of Aircraft	P-1 Line Item Number / Title: 0586 / P-8 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.895	9.485	29.797	28.492	-	28.492	20.920	21.805	208.237	212.397	2,194.656	2,730.684
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4.895	9.485	29.797	28.492	-	28.492	20.920	21.805	208.237	212.397	2,194.656	2,730.684
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.895	9.485	29.797	28.492	-	28.492	20.920	21.805	208.237	212.397	2,194.656	2,730.684
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The P-8A is a commercial Boeing 737 derivative that provides Broad Area Maritime and Littoral Armed multi-mission support. The P-8A Multi-mission Maritime Aircraft (MMA) will replace the P-3 aircraft. OSIP 026-12 funds correction of deficiencies, the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs, and the modernization to the P-8 aircraft. Increment 2 Engineering Change Proposal (ECP) 1 includes Early Multi-Static Active Coherent Capability. Increment 2 ECP 2 includes upgrades to the Automatic Identification System, Full Multi-Static Active Coherent Capability, and Acoustic Processor Tech Refresh. Rapid Capability Insertion (RCI) ECP 3 includes upgrades to High Altitude Anti-Submarine Warfare Weapon Capability (HAAWC) Mid-Course guidance, and Network Enabled Weapon (NEW) Link-16 J11 message implementation. OSIP 006-18 (previously part of OSIP 026-12) funds P-8A Increment 3 and other Mission Systems improvements identified as part of the Rapid Capability Insertion process. Increment 3 includes upgrades to aircraft architecture, communication systems, Radar, ASW Signal Intelligence (Sigint), and 6th Workstation and Wideband Satellite Communications (SATCOM). OSIP 002-15 funds Chief of Naval Operations Project K-0416 program which provides a rapid response ASW intelligence collection, analysis, and reporting system program. The P-8A Mission Systems Upgrade program (OSIP 06-18) will ensure that the P-8A continues to meet the Navy's requirement to perform Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW) and ISR Sea Control objectives by upgrading P-8A hardware, software and firmware mission systems components. The P-8A Aircraft Systems Upgrade Program (OSIP 001-19) will ensure that the P-8A incorporates modification to improve aircrew safety, supports changes in weapons and stores requirements, and incorporates structural enhancements to enable the airframe to reach its designed/extended service life.

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Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 05: Modification of Aircraft / BSA 1: Modification of Aircraft	P-1 Line Item Number / Title: 0586 / P-8 Series
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12) (Mission Capabilities)	P-3a		- / 4.895	- / 9.485	- / 28.197	- / 26.892	- / -	- / 26.892
2 / CNO Project K-0416 (OSIP 002-15) (Operational Improvement)	P-3a		- / 0.000	- / -	- / 1.600	- / 1.600	- / -	- / 1.600
3 / P-8A Mission Systems RCI (OSIP 006-18) (TBD)	P-3a		- / 0.000	- / -	- / -	- / -	- / -	- / -
4 / P-8 Aircraft Systems (OSIP 001-19) ()	P-3a		- / 0.000	- / -	- / -	- / -	- / -	- / -
Total Gross/Weapon System Cost			- / 4.895	- / 9.485	- / 29.797	- / 28.492	- / -	- / 28.492

Exhibits Schedule			FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12) (Mission Capabilities)	P-3a		- / 18.920	- / 13.969	- / 13.961	- / 3.839	- / 4.741	- / 124.899
2 / CNO Project K-0416 (OSIP 002-15) (Operational Improvement)	P-3a		- / 2.000	- / 2.000	- / 2.000	- / 2.000	- / 2.000	- / 13.200
3 / P-8A Mission Systems RCI (OSIP 006-18) (TBD)	P-3a		- / -	- / 5.836	- / 187.451	- / 202.083	- / 2,141.430	- / 2,536.800
4 / P-8 Aircraft Systems (OSIP 001-19) ()	P-3a		- / -	- / -	- / 4.825	- / 4.475	- / 46.485	- / 55.785
Total Gross/Weapon System Cost			- / 20.920	- / 21.805	- / 208.237	- / 212.397	- / 2,194.656	- / 2,730.684

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 The FY 2016 funding request was reduced by \$1.305 million to account for the availability of prior year execution balances.
 FY16 funds are for the retrofit of Increment 2 Engineering Change Proposal 2 Capabilities into P-8A aircraft and trainers. Program is currently budgeted to procure a total of 109 aircraft.
 Increment 2 and 3 procurements and installs are based on Aircraft and Trainer availability.

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Exhibit P-3a, Individual Modification: PB 2016 Navy							Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1				P-1 Line Item Number / Title: 0586 / P-8 Series				Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)				

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4.895	9.485	28.197	26.892	-	26.892	18.920	13.969	13.961	3.839	4.741	124.899
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	4.895	9.485	28.197	26.892	-	26.892	18.920	13.969	13.961	3.839	4.741	124.899
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4.895	9.485	28.197	26.892	-	26.892	18.920	13.969	13.961	3.839	4.741	124.899
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The P-8A is a commercial Boeing 737 derivative that provides Broad Area Maritime and Littoral Armed multi-mission support. The P-8A Multi-mission Maritime Aircraft (MMA) will replace the P-3 aircraft. OSIP 026-12 funds correction of deficiencies, the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs, and the modernization to the P-8 aircraft. This includes the requisite funding to implement various cost effective changes to critical P-8A Weapon systems, including Rapid Capability Improvements. These changes can be either airframe, avionic, or procedures. The correction of deficiencies includes software correction of deficiency Fleet Releases, 5.5KW Weapons Bay Heater, and other deficiencies that may be identified. Increment 2 Engineering Change Proposal (ECP) 1 includes Early Multi-Static Active Coherent Capability. Increment 2 ECP 2 includes upgrades to the Automatic Identification System, Full Multi-Static Active Coherent Capability, and Acoustic Processor Tech Refresh. Rapid Capability Insertion (RCI) ECP 3 includes upgrades to High Altitude Anti-Submarine Warfare Weapon Capability (HAAWC) Mid-Course guidance, and Network Enabled Weapon (NEW) Link-16 J11 message implementation.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The P-8 Baseline program achieved Milestone (MS)-C in FY10.

Note: Increment 2 ECP 2 trainers are software modification only. No hardware installation required. Note: The Corrections of Deficiencies include the productionization test aircraft that will be returned to the fleet.

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Exhibit P-3a, Individual Modification: PB 2016 Navy										Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1					P-1 Line Item Number / Title: 0586 / P-8 Series					Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)			
Models of Systems Affected: P-8A MMA				Modification Type: Mission Capabilities					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
<i>Modification Item 1 of 1: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)</i>													
A Kits													
Recurring													
1.1.1) Increment 2 ECP 2 A Kit - NonOrganic	- / -	- / -	21 / 3.150	16 / 2.441	- / -	16 / 2.441	- / -	- / -	- / -	- / -	- / -	37 / 5.591	
1.1.2) RCI ECP 3 Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.030	9 / 0.045	18 / 0.092	18 / 0.093	10 / 0.052	61 / 0.312	
Subtotal: Recurring	- / 0.000	- / -	- / 3.150	- / 2.441	- / -	- / 2.441	- / 0.030	- / 0.045	- / 0.092	- / 0.093	- / 0.052	- / 5.903	
B Kits													
Recurring													
2.1.1) Correction of Deficiency - Organic ⁽¹⁾	- / 0.426	- / 2.245	- / 6.419	- / 6.288	- / -	- / 6.288	- / 8.413	- / 9.754	- / 9.196	- / -	- / -	- / 42.741	
2.1.2) Acoustics Processor Tech Refresh/Insertion - Organic	1 / 0.480	5 / 2.491	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.971	
2.1.3) Increment 2 ECP 1 B Kit - Organic	- / -	13 / 2.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 2.210	
2.1.4) Increment 2 ECP 2 B Kit - Organic	- / -	- / -	21 / 9.450	16 / 7.322	- / -	16 / 7.322	- / -	- / -	- / -	- / -	- / -	37 / 16.772	
2.1.5) RCI ECP 3 Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.090	9 / 0.135	18 / 0.275	18 / 0.279	10 / 0.155	61 / 0.934	
Subtotal: Recurring	- / 0.906	- / 6.946	- / 15.869	- / 13.610	- / -	- / 13.610	- / 8.503	- / 9.889	- / 9.471	- / 0.279	- / 0.155	- / 65.628	
Non-Recurring													
2.2.1) Installation Equipment N/R - Organic	- / -	- / 1.865	- / 0.603	- / -	- / -	- / -	- / 1.810	- / -	- / -	- / -	- / -	- / 4.278	
Subtotal: Non-Recurring	- / 0.000	- / 1.865	- / 0.603	- / -	- / -	- / -	- / 1.810	- / -	- / -	- / -	- / -	- / 4.278	
Subtotal: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)	1 / 0.906	18 / 8.811	42 / 19.622	32 / 16.051	- / -	32 / 16.051	12 / 10.343	18 / 9.934	36 / 9.563	36 / 0.372	20 / 0.207	215 / 75.809	
Subtotal: Procurement, All Modification Items	- / 0.906	- / 8.811	- / 19.622	- / 16.051	- / -	- / 16.051	- / 10.343	- / 9.934	- / 9.563	- / 0.372	- / 0.207	- / 75.809	
Support (All Modification Items)													
3.1) Engineering Change Orders	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / -	- / -	- / 0.714	- / 0.725	- / -	- / 0.725	- / 0.850	- / 0.650	- / 0.500	- / 0.500	- / 0.500	- / 4.439	
3.3) APTR Training Equipment ⁽²⁾	9 / 3.989	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 3.989	
3.4) Increment 2 ECP 2 Trainers ⁽³⁾	- / -	- / -	12 / 4.800	3 / 1.200	- / -	3 / 1.200	2 / 0.800	- / -	- / -	- / -	- / -	17 / 6.800	
3.5) RCI ECP3 Trainers	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	15 / 0.750	15 / 0.763	15 / 0.776	8 / 0.420	59 / 3.009	
3.6) Support Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.7) ILS	- / -	- / 0.316	- / 0.225	- / 0.355	- / -	- / 0.355	- / 0.574	- / 0.558	- / 0.500	- / 0.250	- / 0.250	- / 13.028	
3.8) Other Support ⁽⁴⁾	- / -	- / 0.358	- / 2.836	- / 3.311	- / -	- / 3.311	- / 2.053	- / 1.597	- / 1.615	- / 0.629	- / 1.300	- / 13.699	
3.9) Interim Contractor Support	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

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Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1					P-1 Line Item Number / Title: 0586 / P-8 Series					Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)			
Models of Systems Affected: P-8A MMA				Modification Type: Mission Capabilities				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<i>Subtotal: Support</i>	- / 3.989	- / 0.674	- / 8.575	- / 5.591	- / -	- / 5.591	- / 4.577	- / 3.555	- / 3.378	- / 2.155	- / 2.470	- / 34.964	
Installation													
<i>Modification Item 1 of 1: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)</i>	- / 0.000	- / -	- / -	- / 5.250	- / -	- / 5.250	- / 4.000	- / 0.480	- / 1.020	- / 1.312	- / 2.064	- / 14.126	
<i>Subtotal: Installation</i>	- / 0.000	- / -	- / -	- / 5.250	- / -	- / 5.250	- / 4.000	- / 0.480	- / 1.020	- / 1.312	- / 2.064	- / 14.126	
Total													
Total Cost (Procurement + Support + Installation)	4.895	9.485	28.197	26.892	-	26.892	18.920	13.969	13.961	3.839	4.741	124.899	

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Modification Item 1 of 1: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Manufacturer Information

Manufacturer Name: Boeing - Increment 2 ECP 2	Manufacturer Location: Seattle, WA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 8

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates		Feb 2015	Feb 2016				
Delivery Dates		Oct 2015	Oct 2016				

Manufacturer Name: Boeing - RCI ECP 3 Kits	Manufacturer Location: Seattle, WA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 8

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates				Feb 2017	Feb 2018	Feb 2019	Feb 2020
Delivery Dates				Oct 2017	Oct 2018	Oct 2019	Oct 2020

Manufacturer Name: Boeing - RCI ECP 3 Trainers	Manufacturer Location: Seattle, WA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 8

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates				Feb 2017	Feb 2018	Feb 2019	Feb 2020
Delivery Dates				Oct 2017	Oct 2018	Oct 2019	Oct 2020

Installation Information

Method of Implementation: Contractor Field Mod Team:: Installation Name: Increment 2 ECP 2

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	21 / 5.250	- / -	21 / 5.250	- / -	- / -	- / -	- / -	- / -	21 / 5.250
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	16 / 4.000	- / -	- / -	- / -	- / -	16 / 4.000
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	21 / 5.250	- / -	21 / 5.250	16 / 4.000	- / -	- / -	- / -	- / -	37 / 9.250

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Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Modification Item 1 of 1: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Installation Information

Method of Implementation: Contractor Field Mod Team:: Installation Name: Increment 2 ECP 2

Installation Schedule

	PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
In	-	-	-	-	-	-	-	-	-	5	5	6	5	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
Out	-	-	-	-	-	-	-	-	-	-	5	5	6	5	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37

Method of Implementation: Contractor Field Mod Team:: Installation Name: RCI 3 ECP 3 Kits

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.180
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.270	- / -	- / -	9 / 0.270
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.549	- / -	18 / 0.549
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.558	18 / 0.558
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.310	10 / 0.310
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.180	9 / 0.270	18 / 0.549	61 / 1.867

Installation Schedule

	PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	2	2	2	3	4	4	5	5	28	61
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	2	2	2	3	4	4	5	33	61

Method of Implementation: Contractor Field MOD TEAM:: Installation Name: RCI ECP3 Trainers

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Modification Item 1 of 1: P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

Installation Information

Method of Implementation: Contractor Field MOD TEAM:: Installation Name: RCI ECP3 Trainers

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	- / -	- / -	- / -	6 / 0.300
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.750	- / -	- / -	15 / 0.750
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.763	- / -	15 / 0.763
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 0.776	15 / 0.776
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.420	8 / 0.420
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.300	15 / 0.750	15 / 0.763	23 / 1.196	59 / 3.009

Installation Schedule

PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	3	3	4	5	3	3	4	5	23	59
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	3	3	4	5	3	3	4	28	59

Method of Implementation (Organic): Organic - Acoustics Processor Tech Refresh/Insertion **Installation Quantity:** 6

Method of Implementation (Organic): Organic - Increment 2 ECP 1 B Kit **Installation Quantity:** 13

Method of Implementation (Organic): Organic - Increment 2 ECP 2 B Kit **Installation Quantity:** 37

Method of Implementation (Organic): Organic - RCI ECP 3 Kit **Installation Quantity:** 61

Footnotes:

- (1) The Corrections of Deficiencies include the productionization test aircraft that will be returned to the fleet.
- (2) Acoustic Processor Tech Refresh Trainer installs are integral to acceptance, inspection and checkout and are therefore included in line 3.3 APTR Training Equipment.
- (3) Increment 2 ECP 2 trainers are software modification only. No hardware installation required.

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 1 / P-8A Correction of Deficiencies and Modernization (OSIP 026-12)

⁽⁴⁾ Other support increased due to TAC MOBILE support to upgrade fielded equipment and modify associated mission planning and mission data software.

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Exhibit P-3a, Individual Modification: PB 2016 Navy										Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1					P-1 Line Item Number / Title: 0586 / P-8 Series					Modification Number / Title: 2 / CNO Project K-0416 (OSIP 002-15)			

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	1.600	1.600	-	1.600	2.000	2.000	2.000	2.000	2.000	13.200
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	1.600	1.600	-	1.600	2.000	2.000	2.000	2.000	2.000	13.200
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	1.600	1.600	-	1.600	2.000	2.000	2.000	2.000	2.000	13.200

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Chief of Naval Operations (CNO) Project K-0416 program provides a rapid response Anti-Submarine Warfare intelligence collection, analysis, and reporting system program focused on Operations Plan specific threat submarines, both conventional and nuclear.

CNO K-0416 mission is to place high quality calibrated data on tape for subsequent exploitation and analysis. It is essential for submarine prosecution in deep and littoral water conditions in support of the Sea Shield/Sea Power 21 and preparation of the battle space.

The program accomplishes this by introducing advanced collection avionics that operate with special calibrated sensors to provide threat target data for tactical, Science and Technology (S&T), and weapon design uses. The Sound Pressure Level Collection Suite that is installed on the P-8 mission kits contain several Weapons Replaceable Assembly's, both fabricated & procured. The Suite includes a 8201 modulation meter, a panasonic toughbook, and a Beartrap Automated Noise and Digital Integrated Test set.

CNO K-0416 will calibrate P-8 Platforms, forward sited laboratories, and select forward deployed sites with these collection avionics to provide tactical and S&T Intelligence. Prime performer is the Naval Air Warfare Center (NAWC), Patuxent River. NAWC performs system integration, material acquisition, fabrication, and installation of collection systems.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: The changes identified are minor and do not require approval for full production.

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Exhibit P-3a, Individual Modification: PB 2016 Navy										Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1					P-1 Line Item Number / Title: 0586 / P-8 Series					Modification Number / Title: 2 / CNO Project K-0416 (OSIP 002-15)			
Models of Systems Affected: P-8A MMA				Modification Type: Operational Improvement				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Procurement													
<i>Modification Item 1 of 1: CNO Project K-0416 (OSIP 002-15)</i>													
A Kits													
Recurring													
1.1.1) Airborne Anti-Submarine Warfare Intelligence Equipment - Organic	- / -	- / -	4 / 0.200	4 / 0.200	- / -	4 / 0.200	4 / 0.400	4 / 0.400	4 / 0.400	4 / 0.400	4 / 0.400	28 / 2.400	
<i>Subtotal: Recurring</i>	<i>- / 0.000</i>	<i>- / -</i>	<i>- / 0.200</i>	<i>- / 0.200</i>	<i>- / -</i>	<i>- / 0.200</i>	<i>- / 0.400</i>	<i>- / 0.400</i>	<i>- / 0.400</i>	<i>- / 0.400</i>	<i>- / 0.400</i>	<i>- / 2.400</i>	
B Kits													
Recurring													
2.1.1) Active Target Strength C2 - Organic	- / -	- / -	- / -	1 / 0.200	- / -	1 / 0.200	1 / 0.200	1 / 0.200	1 / 0.200	1 / 0.200	1 / 0.200	6 / 1.200	
<i>Subtotal: Recurring</i>	<i>- / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 0.200</i>	<i>- / -</i>	<i>- / 0.200</i>	<i>- / 0.200</i>	<i>- / 0.200</i>	<i>- / 0.200</i>	<i>- / 0.200</i>	<i>- / 0.200</i>	<i>- / 1.200</i>	
<i>Subtotal: CNO Project K-0416 (OSIP 002-15)</i>	<i>- / -</i>	<i>- / -</i>	<i>4 / 0.200</i>	<i>5 / 0.400</i>	<i>- / -</i>	<i>5 / 0.400</i>	<i>5 / 0.600</i>	<i>5 / 0.600</i>	<i>5 / 0.600</i>	<i>5 / 0.600</i>	<i>5 / 0.600</i>	<i>34 / 3.600</i>	
<i>Subtotal: Procurement, All Modification Items</i>	<i>- / 0.000</i>	<i>- / -</i>	<i>- / 0.200</i>	<i>- / 0.400</i>	<i>- / -</i>	<i>- / 0.400</i>	<i>- / 0.600</i>	<i>- / 0.600</i>	<i>- / 0.600</i>	<i>- / 0.600</i>	<i>- / 0.600</i>	<i>- / 3.600</i>	
Support (All Modification Items)													
3.1) ECO	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.3) Training Equipment	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.4) Support Equipment	- / -	- / -	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 1.400	
3.5) ILS	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.6) Organic Support	- / -	- / -	- / 0.600	- / 0.400	- / -	- / 0.400	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 4.000	
3.7) Interim Contractor Support	- / -	- / -	- / 0.600	- / 0.600	- / -	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 0.600	- / 4.200	
<i>Subtotal: Support</i>	<i>- / 0.000</i>	<i>- / -</i>	<i>- / 1.400</i>	<i>- / 1.200</i>	<i>- / -</i>	<i>- / 1.200</i>	<i>- / 1.400</i>	<i>- / 1.400</i>	<i>- / 1.400</i>	<i>- / 1.400</i>	<i>- / 1.400</i>	<i>- / 9.600</i>	
Installation													
<i>Subtotal: Installation</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
Total													
Total Cost (Procurement + Support + Installation)	0.000	-	1.600	1.600	-	1.600	2.000	2.000	2.000	2.000	2.000	13.200	

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Exhibit P-3a, Individual Modification: PB 2016 Navy	Date: February 2015
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Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 2 / CNO Project K-0416 (OSIP 002-15)
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Modification Item 1 of 1: CNO Project K-0416 (OSIP 002-15)

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (in Months):	Production Leadtime (in Months):
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Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation (Organic): Organic - Airborne Anti-Submarine Warfare Intelligence Equipment	Installation Quantity: 28
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Method of Implementation (Organic): Organic - Active Target Strength C2	Installation Quantity: 6
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Exhibit P-3a, Individual Modification: PB 2016 Navy							Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1				P-1 Line Item Number / Title: 0586 / P-8 Series				Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)				

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	-	-	-	-	-	5.836	187.451	202.083	2,141.430	2,536.800
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	-	-	-	-	-	5.836	187.451	202.083	2,141.430	2,536.800
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	-	-	-	-	-	5.836	187.451	202.083	2,141.430	2,536.800
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The P-8A is a commercial Boeing 737 derivative that provides Broad Area Maritime and Littoral Armed multi-mission support. The P-8A Mission Systems Upgrade program will ensure that the P-8A continues to meet the Navy's requirement to perform Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW) and ISR Sea Control objectives. This line funds the retrofit of future P-8A mission system/avionics as developed under P-8A sequential increment programs and the modernization to the P-8 aircraft. This includes the requisite funding to implement various cost effective changes to critical P-8A Weapon systems, including Rapid Capability Improvements. These changes can be either avionic, airframe, or procedures. It funds Increment 3 (previously part of OSIP 26-12) which includes upgrades to aircraft architecture, communication systems, Radar, ASW Signal Intelligence (Sigint), and 6th Workstation and Wideband Satellite Communications (SATCOM). Mission System improvements include the following hardware, software and firmware mission systems modifications: Mission systems modifications to improve net-ready services; periodic technology insertions and functional improvements to increase processing growth to meet emerging threats; modifications to strengthen ASW/ASuW/ISR core capabilities; modifications to improve Command, Control, Computer, Communications and Intelligence (C4I) and interoperability capabilities; stability corrections and enhancements to sensor and survivability systems; modifications to incorporate SIGINT quick reaction capabilities (QRC) both on a temporary and permanent basis; implementation of mandated and fleet identified flight safety issues; modifications to provide increased aircrew situational awareness, less complicated operator machine interfaces or more accurate/detailed reference libraries; mission system correction of deficiencies identified as a result of testing; upgrades to mission systems hardware, software and firmware due to obsolescence; correction of operational mission system discrepancies; correction of safety deficiencies; modifications required to support applicable commercial service bulletins; and modifications intended to reduce life-cycle support costs.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

The Increment 3 program is scheduled to achieve MS-C in FY19, however, technically mature capability may be incorporated early via ECPs under the RCI process.

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)

Models of Systems Affected: P-8A MMA	Modification Type: TBD	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)

Procurement

Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)

A Kits

Recurring

1.1.1) Increment 3 Architecture Upgrade A Kit - NonOrganic ⁽⁵⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 22.500	8 / 20.340	92 / 245.810	109 / 288.650
1.1.2) Increment 3 TACMobile A Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.500	8 / 1.356	92 / 16.387	109 / 19.243
1.1.3) Increment 3 Comms A Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.750	8 / 0.678	92 / 8.194	109 / 9.622
1.1.4) Increment 3 Radar Upgrade A Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 3.000	8 / 2.712	92 / 32.775	109 / 38.487
1.1.5) Increment 3 ASW Signit A Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 3.000	8 / 2.712	92 / 32.775	109 / 38.487
1.1.6) Increment 3 6th Workstation A Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.500	8 / 1.356	92 / 16.387	109 / 19.243
1.1.7) Increment 3 Wideband SATCOM A Kit - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.500	8 / 1.356	92 / 16.387	109 / 19.243
1.1.8) Mission Systems RCI Upgrade A Kits - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.675	10 / 1.350	94 / 12.690	109 / 14.715
Subtotal: Recurring	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 34.425	- / 31.860	- / 381.405	- / 447.690

B Kits

Recurring

2.1.1) Increment 3 Architecture Upgrade B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 67.500	8 / 61.020	92 / 737.430	109 / 865.950
2.1.2) Increment 3 TACMobile B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.500	8 / 4.068	92 / 49.162	109 / 57.730
2.1.3) Increment 3 Comms B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.250	8 / 2.034	92 / 24.581	109 / 28.865
2.1.4) Increment 3 Radar Upgrade B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 9.000	8 / 8.136	92 / 98.324	109 / 115.460
2.1.5) Increment 3 ASW Signit B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 9.000	8 / 8.136	92 / 98.324	109 / 115.460
2.1.6) Increment 3 6th Workstation B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.500	8 / 4.068	92 / 49.162	109 / 57.730
2.1.7) Increment 3 Wideband SATCOM B Kit - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.500	8 / 4.068	92 / 49.162	109 / 57.730
2.1.8) Mission Systems RCI Upgrade B Kits - Organic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.875	10 / 3.750	94 / 35.250	109 / 40.875
Subtotal: Recurring	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 103.125	- / 95.280	- / 1,141.395	- / 1,339.800

Non-Recurring

2.2.1) Installation Equipment N/R - Organic ⁽⁶⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.154	- / 19.005	- / -	- / -	- / 24.159
Subtotal: Non-Recurring	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.154	- / 19.005	- / -	- / -	- / 24.159
Subtotal: P-8A Mission Systems RCI (OSIP 006-18)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.154	136 / 156.555	132 / 127.140	1,476 / 1,522.800	1,744 / 1,811.649

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Navy										Date: February 2015		
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1				P-1 Line Item Number / Title: 0586 / P-8 Series				Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)				
Models of Systems Affected: P-8A MMA				Modification Type: TBD				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Subtotal: Procurement, All Modification Items</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.154	- / 156.555	- / 127.140	- / 1,522.800	- / 1,811.649
Support (All Modification Items)												
3.1) Increment 3 Engineering Change Orders	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.127	- / 2.150	- / 4.277
3.2) Data	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.500	- / 4.400	- / 5.000
3.3) Increment 3 Trainers	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 6.096	9 / 9.299	44 / 46.967	59 / 62.362
3.4) Mission Systems Training Kits (RCI)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.050	7 / 3.675	50 / 26.250	59 / 30.975
3.5) ILS ⁽⁷⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.170	- / 5.912	- / 5.849	- / 27.598	- / 39.529
3.6) Other Support ⁽⁸⁾	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.512	- / 17.738	- / 17.280	- / 82.796	- / 118.326
<i>Subtotal: Support</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.682	- / 30.896	- / 38.730	- / 190.161	- / 260.469
Installation												
<i>Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.213	- / 428.469	- / 464.682
<i>Subtotal: Installation</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.213	- / 428.469	- / 464.682
Total												
Total Cost (Procurement + Support + Installation)	0.000	-	-	-	-	-	-	5.836	187.451	202.083	2,141.430	2,536.800

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)

Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)

Manufacturer Information

Manufacturer Name: Boeing - Increment 3 Manufacturer Location: Seattle, WA

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 8

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates						Feb 2019	Feb 2020
Delivery Dates						Oct 2019	Oct 2020

Manufacturer Name: Boeing - Mission Systems RCI Upgrade A Kits Manufacturer Location: Seattle, WA

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 9

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates						Feb 2019	Feb 2020
Delivery Dates						Nov 2019	Nov 2020

Manufacturer Name: Boeing - Increment 3 Trainers Manufacturer Location: Seattle, WA

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 8

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates						Feb 2019	Feb 2020
Delivery Dates						Oct 2019	Oct 2020

Manufacturer Name: Boeing - Mission Systems Training Kits (RCI) Manufacturer Location: Seattle, WA

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 9

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates						Feb 2019	Feb 2020
Delivery Dates						Nov 2019	Nov 2020

Installation Information

Method of Implementation: Contractor Field Mod Team:: Installation Name: Increment 3

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)

Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)

Installation Information

Method of Implementation: Contractor Field Mod Team:: Installation Name: Increment 3

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 33.438	- / -	63 / 33.438
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 29.108	56 / 29.108
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	644 / 351.785	644 / 351.785
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	63 / 33.438	700 / 380.893	763 / 414.331

Installation Schedule

PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	21	700	763
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	14	14	721	763

Method of Implementation: Contractor Field Mod Team:: Installation Name: Mission Systems RCI Upgrade A Kits

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.125	- / -	5 / 1.125
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 2.250	10 / 2.250
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	94 / 21.150	94 / 21.150
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.125	104 / 23.400	109 / 24.525

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)

Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)

Installation Information

Method of Implementation: Contractor Field Mod Team:: Installation Name: Mission Systems RCI Upgrade A Kits

Installation Schedule

	PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	104	109
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	106	109

Method of Implementation: Contractor Field Mod Team:: Installation Name: Increment 3 Trainers

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.200	- / -	6 / 1.200
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.106	9 / 2.106
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	44 / 9.245	44 / 9.245
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.200	53 / 11.351	59 / 12.551

Installation Schedule

	PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	53	59
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	55	59

Method of Implementation: [none specified]:: Installation Name: Mission Systems Training Kits (RCI)

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)

Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)

Installation Information

Method of Implementation: [none specified]:: Installation Name: Mission Systems Training Kits (RCI)

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.450	- / -	2 / 0.450
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 1.575	7 / 1.575
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 11.250	50 / 11.250
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.450	57 / 12.825	59 / 13.275

Installation Schedule

PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	57	59
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	57	59

Method of Implementation (Organic): Organic - Increment 3 Architecture Upgrade B Kit **Installation Quantity:** 109

Method of Implementation (Organic): Organic - Increment 3 TACMobile B Kit **Installation Quantity:** 109

Method of Implementation (Organic): Organic - Increment 3 Comms B Kit **Installation Quantity:** 109

Method of Implementation (Organic): Organic - Increment 3 Radar Upgrade B Kit **Installation Quantity:** 109

Method of Implementation (Organic): Organic - Increment 3 ASW Sigint B Kit **Installation Quantity:** 109

Method of Implementation (Organic): Organic - Increment 3 6th Workstation B Kit **Installation Quantity:** 109

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 3 / P-8A Mission Systems RCI (OSIP 006-18)

Modification Item 1 of 1: P-8A Mission Systems RCI (OSIP 006-18)

Installation Information

Method of Implementation (Organic): Organic - Increment 3 Wideband SATCOM B Kit	Installation Quantity: 109
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Method of Implementation (Organic): Organic - Mission Systems RCI Upgrade B Kits	Installation Quantity: 109
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Footnotes:

- (5) Installs include both A and B kits.
- (6) FY18 NRE begins retrofit engineering analysis on Increment 3 kits.
- (7) Logistics funding profile reflects the stand up of the P-8A retrofit support team.
- (8) Other Support funding profile reflects the stand up of the P-8A retrofit support team.

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Exhibit P-3a, Individual Modification: PB 2016 Navy							Date: February 2015					
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1				P-1 Line Item Number / Title: 0586 / P-8 Series				Modification Number / Title: 4 / P-8 Aircraft Systems (OSIP 001-19)				

Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	-	-	-	-	-	-	4.825	4.475	46.485	55.785
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	-	-	-	-	-	-	4.825	4.475	46.485	55.785
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	-	-	-	-	-	-	4.825	4.475	46.485	55.785

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The P-8A is a commercial Boeing 737 derivative that provides Broad Area Maritime and Littoral Armed Intelligence, Surveillance and Reconnaissance (ISR). The P-8A Aircraft Systems Upgrade program will ensure that the P-8A continues to meet the Navy's requirement to perform Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW) and ISR Sea Control objectives.

This line item funds aircraft systems modifications to the air vehicle, propulsion and power systems, and weapons and stores including: Airframe modifications to improve aircrew safety, Aircraft systems modifications to support changes in Size, Weight, Power, and Cooling (SWAP-C) requirements of aircraft and mission systems equipment, Airframe modifications to incorporate Signals Intelligence (SIGINT) quick reaction capabilities (QRC) both on a temporary and permanent basis, Aircraft systems modifications required to support applicable commercial service bulletins, Airframe modifications to improve the storage of aircrew equipment, Aircraft systems modifications to support weapons and stores, Incorporation of structural enhancements and changes required to enable the airframe to reach its designed service life or extend the service life if required, Correction of deficiencies identified as a result of testing, Upgrades to aircraft systems due to obsolescence, Correction of operational discrepancies, Correction of safety deficiencies. This also includes the requisite funding to implement various cost effective changes to critical P-8A Weapon systems, including Rapid Capability Improvements. These changes can be either airframe, avionics, or procedures.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

No major development milestones. The changes identified will utilize the Engineering Change Proposal (ECP) process.

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Exhibit P-3a, Individual Modification: PB 2016 Navy										Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1					P-1 Line Item Number / Title: 0586 / P-8 Series					Modification Number / Title: 4 / P-8 Aircraft Systems (OSIP 001-19)			
Models of Systems Affected:				Modification Type:				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Procurement													
<i>Modification Item 1 of 1: P-8 Aircraft Systems (OSIP 001-19)</i>													
A Kits													
Recurring													
1.1.1 Aircraft Systems Upgrade A Kits - NonOrganic													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.200	10 / 0.400	94 / 3.760	109 / 4.360	
<i>Subtotal: Recurring</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.400	- / 3.760	- / 4.360	
B Kits													
Recurring													
2.1.1 Aircraft Systems Upgrade B Kit Equipment - Organic													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.750	10 / 1.500	94 / 14.100	109 / 16.350	
<i>Subtotal: Recurring</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.750	- / 1.500	- / 14.100	- / 16.350	
Non-Recuring													
2.2.1 Installation Equipment N/R - Organic													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800	- / -	- / -	- / 2.800	
<i>Subtotal: Non-Recuring</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800	- / -	- / -	- / 2.800	
<i>Subtotal: P-8 Aircraft Systems (OSIP 001-19)</i>													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 3.750	20 / 1.900	188 / 17.860	218 / 23.510	
<i>Subtotal: Procurement, All Modification Items</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.750	- / 1.900	- / 17.860	- / 23.510	
Support (All Modification Items)													
3.1) Engineering Change Orders													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.2) Data													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.100	- / 0.600	- / 0.800	
3.3) Aircraft Systems Upgrade Trainer Kits													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.350	7 / 1.225	50 / 8.750	59 / 10.325	
3.4) Support Equipment													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
3.5) ILS													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.156	- / 0.181	- / 1.800	- / 2.137	
3.6) Other Support													
	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.469	- / 0.544	- / 5.400	- / 6.413	
3.7) Interim Contractor Support													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Support</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.075	- / 2.050	- / 16.550	- / 19.675	
Installation													
<i>Modification Item 1 of 1: P-8 Aircraft Systems (OSIP 001-19)</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.525	- / 12.075	- / 12.600	
<i>Subtotal: Installation</i>													
	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.525	- / 12.075	- / 12.600	
Total													
Total Cost (Procurement + Support + Installation)													
	0.000	-	-	-	-	-	-	-	4.825	4.475	46.485	55.785	

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 4 / P-8 Aircraft Systems (OSIP 001-19)

Modification Item 1 of 1: P-8 Aircraft Systems (OSIP 001-19)

Manufacturer Information

Manufacturer Name: Boeing - Aircraft Systems Upgrade Manufacturer Location: Seattle, WA-

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 3

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates						Dec 2019	Dec 2020
Delivery Dates						Mar 2020	Mar 2021

Manufacturer Name: Boeing - Aircraft Systems Upgrade Trainers Manufacturer Location: Seattle, Wa

Administrative Leadtime (in Months): 3 Production Leadtime (in Months): 3

Dates	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Contract Dates						Dec 2019	Dec 2020
Delivery Dates						Mar 2020	Mar 2021

Installation Information

Method of Implementation: [none specified]:: Installation Name: Aircraft Systems Upgrade A Kits

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.375	- / -	5 / 0.375
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.750	10 / 0.750
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	94 / 7.050	94 / 7.050
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.375	104 / 7.800	109 / 8.175

Installation Schedule

PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	104	109
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	105	109

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Exhibit P-3a, Individual Modification: PB 2016 Navy		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 05 / 1	P-1 Line Item Number / Title: 0586 / P-8 Series	Modification Number / Title: 4 / P-8 Aircraft Systems (OSIP 001-19)

Modification Item 1 of 1: P-8 Aircraft Systems (OSIP 001-19)

Installation Information

Method of Implementation: [none specified]:: Installation Name: Aircraft Systems Upgrade Trainer Kits

Installation Cost	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.150	- / -	2 / 0.150
FY 2020	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.525	7 / 0.525
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 3.750	50 / 3.750
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.150	57 / 4.275	59 / 4.425

Installation Schedule

PYS	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	57	59
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	57	59

Method of Implementation (Organic): Organic - Aircraft Systems Upgrade B Kit Equipment

Installation Quantity: 109